



STTP- Sanction Letter

Ref. No. 34-65/123/RIFD/STTP/Policy-1/2018-19

Date _____

To

The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg,
Vasant Kunj, New Delhi – 110070

Sub: Release of grant for conduct of Short Term Training Programme (STTP) under AQIS 2018-19 during the financial year 2019-20- reg.

Sir,

This is to convey the sanction of the Council for payment of **Rs. 300000 /- (Rupees Three Lakh Only)** for conduct of Short Term Training Program as per details given below:-

1.	Name and address of the beneficiary University / Institution	SRI VENKATESWARA COLLEGE OF ENGINEERING , POST BAG NO 3, PENNALUR, SRIPERUMBUDUR, TAMIL NADU PIN - 602 105 KANCHIPURAM-602105 Tamil Nadu
2.	Permanent ID of Institute	1-2492131
3.	Institute type	Unaided - Private
4.	Name of Coordinator	Dr. JOTHILAKSHMI PARAMASIVAM
5.	Amount sanctioned	Rs. 300000/-
6.	Amount to be released	Rs.300000/- Full & final payment
7.	Head of account	601.15(a) Gen. Short Term Training Programme (Plan)
8.	The authorized officer in whose favour Cheque/ Demand Draft/ RTGS is to be made	REGISTRAR / DIRECTOR / PRINCIPAL
9.	Title of the programme	Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas

1. The amount of the grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the grant-in-aid bill and shall be disbursed to and credited to the Registrar/ Director/Principal of the institute through RTGS.

2. This grant-in-aid is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.
3. The Principal of the Institute and the Coordinator of the Program are requested to verify the correctness of the under-mentioned Bank Account / RTGS Details submitted by them alongwith the proposals, in which the grant is being released:-

Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAATS2327 L	INDIA N BANK	Sriperumbudu r	Gandhi road Sriperumbudu r	PRINCIPAL, SRI VENKATESWAR A COLLEGE OF ENGG	Saving Account	46730233 1	IDIB000S08 0

Instructions/Guidelines to be followed by the University/Institution

I. Disbursement of funds to University/Institutions

- a. The full amount of the grant sanctioned is being released as advance to the University/Institute.
- b. The amount spent by the institute on the conduct of STTP shall be adjusted on the basis of utilization certificate and detailed expenditure statement submitted by the University/Institution on the prescribed format along with other mandatory documents viz feedback form, copy of proceedings and completion report etc.
- c. The above said amount of grant shall be refunded back to AICTE if the Letter of Approval (LOA) / Extension of Approval (EOA) is not issued by AICTE to the institute for the academic year 2019-20.

II Maintenance of Accounts

- a. The Institute shall strictly follow the provisions laid down in the scheme document as available on the portal.
- b. Funds covered by this grant shall be kept separately and would not be mixed up with other funds so as to know the amount of interest accrued on the grant.
- c. The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- d. The grant is intended to cover items of expenditure connected with the Short Term Training Programme such as Boarding & Lodging to the participants, TA to outstation participants, Honorarium to Course Coordinator, reading material to participants, Honorarium to resource persons, TA/DA to resource persons including two outstations resource persons & working expenses (reprographic services, postage, transport, daily wages, tea/coffee etc.

III. Conduct of test and issuance of certificate

A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test.

IV. Submission of Documents by the University/Institutions to AICTE

a. The following mandatory relevant documents are required to be submitted by the University/Institution within one month of the completion of the program:-

(i) Original Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer/Govt. Auditor. In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate are required to be audited & signed and sealed by a Chartered Accountant endorsing the membership number and complete postal address. Format for the same is available on AICTE web portal.

The University/Institution is not required to submit bills/vouchers/invoices etc for the expenditure incurred out of recurring grants. However, such copies of bills/vouchers/invoices shall be digitized by respective institutions receiving grant and uploaded scanned copies of such bills/vouchers/invoices etc on the portal for availability and view at any point of time.

(ii) Feedback form in the prescribed proforma.

(iii) Copy of the proceedings and completion report.

(iv) List of candidates who have successfully completed the program on the basis of the test conducted by Program Evaluation Committee (PEC).

(v) Report submitted by Program Evaluation Committee (PEC).

b. The amount of the grant shall be adjusted on submission of utilization certificate & detailed expenditure statement by University/Institution. On receipt of these documents, the total amount of financial assistance, admissible as per the norms, shall be worked out and grant-in-aid adjusted.

V. General instructions

a. **Preferably 10% of the participants may be industry professionals deputed by industry. Further, not more than 2 participants shall be from the host institution/group of institutions.**

b. **Money to be reimbursed on the grant (for any reasons to include unspent amount, interest , penalty if imposed) shall be refunded back to AICTE in the form of Demand Draft payable to Member Secretary, AICTE, New Delhi.**

c. **As AICTE needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period.**

d. **The STTP is a residential program of a duration of six days with minimum 40 participants.** The approved STTP shall be conducted within three months from the date of release of funds.

e. **If programme is not conducted in the period of three months of the issuance of this Sanction Order, the released amount, alongwith interest accrued thereon, has to be necessarily returned back to AICTE within a month.**

f. The expenditure under the Heads '**Honorarium to Course Coordinator**' and '**Honorarium to Resource Persons**' shall not exceed **1% & 20% respectively** of

the total sanctioned grant for the Programme. However, overall expenditure shall not exceed the funds sanctioned for the Programme.


- g. Any extra money required to complete the programme must be borne by the institute from their own resources. But the quality of the activities should not be compromised.
- h. Any unavoidable circumstantial change in the program with respect to name of Project Coordinator, Venue and date for organizing STTP would mandatorily require prior approval of the Council. All such requests should be addressed to AICTE, in advance, recording the specific reasons for proposed changes, failing which the offer for the grant already issued would be treated as automatically withdrawn and the financial assistance released in favour of the beneficiary institution shall be refunded immediately to the Council. Kindly mention the File No. 34-65/123/RIFD/STTP/Policy-1/2018-19 in your future correspondence.
- i. **Program Evaluation Committee (PEC)** is required to be constituted at institutional level. The constitution of the PEC shall be as under:
- (i) Principal/Director/Registrar of the institution (Chairperson).
 - (ii) Coordinator of the program (Member Secretary).
 - (iii) Two HoDs and one subject expert (members).

The members of the said PEC shall not be below the rank of Associate Professor. A test shall be conducted by Program Evaluation Committee (PEC) at the end of the program and the certificates shall be issued to those participants who have attended the program and have qualified in the test. The minutes of the meetings, along with PEC report, are to be submitted to the Council at end of the program along with other mandatory documents.

- j. **GoI GFR rules** (@<https://doe.gov.in/order-circular/general-financial-rules2017-0>) should be followed during utilization of grant.
- k. This Sanction Order may be treated as Offer Letter for all purposes.

NOTE:- Any deviation from the above will invoke serious action against the Institute.

Yours sincerely,


(Dileep N Malkhede)
Advisor-I (RIFD)
12 DEC 2019

Copy forwarded for information and necessary action to: -

1. **Name and Address of the Coordinator**
Dr. JOTHILAKSHMI PARAMASIVAM
SRI VENKATESWARA COLLEGE OF ENGINEERING
POST BAG NO 3, PENNALUR, SRIPERUMBUDUR, TAMIL NADU PIN - 602 105
CHENNAI 602105 Tamil Nadu
2. **The Registrar / Director / Principal**
SRI VENKATESWARA COLLEGE OF ENGINEERING
POST BAG NO 3, PENNALUR, SRIPERUMBUDUR, TAMIL NADU PIN - 602 105
CHENNAI 602105 Tamil Nadu
3. **Guard File**

Programme Brochure-Phase I

REGISTRATION FORM

Six Days Online Short Term Training Programme (STTP)

On

“Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas”

Name : _____

Designation : _____

Department : _____

Institute/Organization : _____

Qualification : _____

Experience in years : _____

Teaching : _____ Research : _____

Industry : _____

Aadhaar No: _____

Address : _____

Whatsapp Number : _____

E-Mail Address : _____

Signature of the participant

Participants need to fill this registration form and upload the scanned copy in PDF format in the below registration link.

Registration Link

<https://forms.gle/JEaRFLeH8q75dkQt8>

Last date for Registration: **16 August 2020**

Address for Communication:

Dr.P.Jothilakshmi

Professor-Department of ECE,
Sri Venkateswara College of Engineering,
Sriperumbudur Tk. - 602117, Tamil Nadu.
E-Mail id: aicetstpece@svce.ac.in



Chief Patron

Dr. M Sivanandham

Secretary, Sri Venkateswara Educational and Health Trust (SVEHT)

Patron

Dr. S Ganesh Vaidyanathan

Principal, SVCE

Convenor

Dr. S Muthukumar

Professor & Head of ECE, SVCE

Organizing Committee

Ms.K.Srividhya, AP/ECE.

Mr.S.Senthil Rajan, AP/ECE.

Ms.B.Hemalatha, AP/ECE.

Ms.C.Gomatheeswari Preethika, AP/ECE.

Mr.N.Sathish, AP/ECE.

Eligibility

This STTP is open to faculty members of AICTE approved Institutions, Research scholars and persons from industry and R&D organizations from all over country.

Registration Fee

NIL

Online meeting link will be sent through Whatsapp/E-Mail.

The number of participants will be limited to 150.

***Note:** E-Certificates will be provided to those participants who attend all the sessions of the programme and clear the online exam as per the norms of AICTE.

www.svce.ac.in

Sri Venkateswara College of Engineering

(Autonomous- Affiliated to Anna University)

Post Bag No.1, Pennalur Village,

Chennai - Bengaluru Highways,

Sriperumbudur Tk. - 602117.

Tamil Nadu, India

www.svce.ac.in



AICTE Sponsored



SIX DAYS ONLINE SHORT TERM TRAINING PROGRAMME (STTP)

on

“Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas”
24th-29th August 2020

COORDINATOR

Dr. P. Jothilakshmi

Professor

Department of Electronics and Communication Engineering

Organized by

Department of Electronics & Communication Engineering

Programme Brochure-Phase I



About the college

Sri Venkateswara College of Engineering (SVCE) is one of the pioneer institutions in offering engineering education, excelling since 1985. The college received an Autonomous status during 2016. All B.E./B.Tech and M.E./M.Tech programmes are affiliated to Anna University, Chennai. A major objective of this institution is to plan and implement a programme of education in Engineering and Allied Sciences to promote research, to disseminate knowledge, and to foster cooperation and exchange of ideas between the academic community and industrial organizations and to develop entrepreneurship skills among students. The college always strives to achieve academic excellence along with the harmonious development of the personality of students.

About the ECE Dept

Established in the year 1985, the department of ECE offers Under Graduate programme in Electronics and Communication Engineering with the strength of around 750 students guided by a team of devoted and diligent faculty members. Our UG programme is NBA accredited since April 2002. The department also offers a PG programme in Communication Systems with students intake of 25 from the academic year 2002-03. The department provides excellent academic and research environment to the UG, PG and research scholars. The department is recognized by Anna University, Chennai as an approved research center and around 60 research scholars pursue doctoral studies through our research center. The department is well equipped with state of the art laboratory facilities with softwares like Tanner Tools, Lab View, CST, ADS, IE3D, MATLAB and Math CAD, etc.,

The faculty members are involved in research in the areas of as RF & Microwave, Antenna Engineering, Digital Signal Processing, Wireless Communications, VLSI and Embedded systems etc. The department bagged high valued funded projects from prestigious organizations such as ISRO, AICTE, DRDO, and TNSCST, etc.,

About the STTP

Computational Electromagnetics (CEM) is young and growing domain, expanding because of steadily increasing demand for the design and analysis of electromagnetic systems. Accurately predicting the behavior of these systems is a key element in developing novel applications. Computational Electromagnetics (CEM) is necessary to the design, modeling of antenna, radar and other communication systems including the suitable antennas for mobile phones.

Note: The conduct of the STTP with the same theme is planned in three different phases viz., the basic concepts and fundamentals in the first STTP, current technologies and applications in the second STTP and futuristic trends and challenges in the third STTP. A separate registration is required for all the three phases. The dates for the other two STTPs will be informed later.

Objective of the STTP

The prime objective of this STTP is to provide wide exposure to emerging topics in Computational Electromagnetics, its fundamentals and the design of modern microwave antennas to teaching community. This programme enables the faculty members in the field of technical education to introspect and learn techniques that can help for preparing students to ensure their active and successful participation in knowledge society.

Resource Persons

Dr. D C Pande

Former Director (LRDE - DRDO),
Scientist 'H' (retd), Distinguished Fellow,
Electronics and Radar Development Establishment.

Dr. V Prithiviraj

Retd Principal, Pondicherry Engineering College,
Former Dean, Pondicherry University.
Adjunct Professor, ECE Dept,
Vignan's Foundation for Science, Technology
& Research Guntur, Andhra Pradesh.

Dr. K P Ray

Professor and Head,
Electronics Engineering Department,
Defence Institute of Advanced Technology (DIAT).

Dr. Amlan Datta

Professor and Associate Dean,
School of Electronics Engineering,
KIIT University, Bhubaneswar, Odisha.

Dr. T Shanmuganantham

Assistant Professor, ECE Department,
School of Engineering & Technology,
Pondicherry University.

Dr. Prasun Chongder

Assistant Professor, ECE Department,
NIT Rourkela.

Dr. P.Muthu kannan

Professor and Associate Dean,
Saveetha school of Engineering.

Dr. Usha Kiran K

Associate Professor,
SENSE, VIT, Chennai Campus.

Dr. P.Jothilakshmi

Professor, ECE Dept.,
Sri Venkateswara College of Engineering,
Sriperumbudur, Chennai.

Industry experts from FEKO, HFSS, and CST will
conduct the demo sessions.

Programme Flyer-Phase I

Sri Venkateswara College of Engineering

An Autonomous Institution - Affiliated to Anna University
Sriperumbudur Tk - 602 117



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SIX DAYS ONLINE SHORT TERM TRAINING PROGRAMME (STTP)

on

"Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas"

24th-29th August 2020



Dr. M U Sharma
Scientist 'G',
Technology Director
DRDO, Delhi



Dr. V Prithviraj,
Adjunct Professor, ECE,
VFSTR, Guntur



Dr. K P Ray
Professor and Head,
Electronics Engineering
Department, DIAT, Pune.



Dr. Amlan Datta,
Professor & Associate Dean,
KIIT, Odisha



Dr. Soumen Banerjee
HOD - ECE,
UEM, Kolkata.



Dr. Usha Kiran K
Associate Professor, SENSE,
VIT, Chennai Campus



Dr. T. Shanmuganantham
Assistant Professor, ECE,
Pondicherry University.



Dr. P. Muthukannan
Professor and Associate Dean,
Saveetha school of Engineering.



Dr. Prasun Chongder
Assistant Professor-ECE,
NIT Rourkela.



Dr. V. Janardhana,
Director,
Step Electronics



Mr. Sumith S Pillai,
Technical Manager,
Designtech Systems



Sharon Varghese
Application Engineer,
Ansys India



Mr. Deepesh Kumar Singh,
Senior Application Engineer,
Jyoti Electronics Hyderabad

Organized by

Department of Electronics & Communication Engineering

Organizing Committee

Coordinator
Dr. P. Jothilakshmi, Professor, ECE

Ms. K. Srividhya, AP/ECE.
Mr. S. Senthil Rajan, AP/ECE.
Ms. B. Hemalatha, AP/ECE.
Ms. C. Gomatheeswari Preethika, AP/ECE.
Mr. N. Sathish, AP/ECE.

Programme Invitation-Phase I

SRI VENKATESWARA COLLEGE OF ENGINEERING



(Autonomous-Affiliated to Anna University)
Pennalur, Sriperumbudur Tk – 602117



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Solicits your esteemed presence for the

INAUGURAL FUNCTION

Of

**AICTE Sponsored
Online Short Term Training Program
On**

RECENT ADVANCEMENTS OF COMPUTATIONAL ELECTROMAGNETICS IN MODERN MICROWAVE ANTENNAS

By

**Dr. M U Sharma
Scientist 'G', Technology Director
Solid-State Physics Laboratory
DRDO, Delhi**

**Date: 24/08/2020
Time: 10.00 AM**

ALL ARE CORDIALLY INVITED

Programme Schedule-Phase I



AICTE Sponsored
Online Short Term Training Program on
RECENT ADVANCEMENTS OF COMPUTATIONAL ELECTROMAGNETICS IN MODERN
MICROWAVE ANTENNAS

24th - 29th August 2020

Organized by

SRI VENKATESWARA COLLEGE OF ENGINEERING
 Department of Electronics and Communication Engineering

PROGRAMME SCHEDULE



Date/Time	10.00 AM - 10.30 AM	10.30 AM - 12.30 PM	2.00 PM - 4.00 PM
24.08.2020	Inaugural and Keynote Address Dr. M U Sharma Scientist 'G', Technology Director Solid-State Physics Laboratory DRDO, Delhi	Phased Array Antennas for 5G Applications Dr. V Prithiviraj Adjunct Professor, ECE Department Vignan's Foundation for Science, Technology Andhra Pradesh	Design of Phased Array Antennas for Defence Applications using XFDTD 3D EM Simulation Software Dr. V Janardhana Director, Step Electronics, Bangalore
25.08.2020	10.00 AM - 12.00 PM		2.00 PM - 4.00 PM
	Substrate Integrated Waveguide (SIW) based Compact Antennas and Arrays for Wireless Communication Systems Dr. Soumen Banerjee HOD, ECE Department University of Engineering & Management (UEM), Kolkata		Fractal Antennas for Multiband Applications Dr. T Shanmuganantham Assistant Professor, ECE Department, Pondicherry University, Pondicherry
26.08.2020	Soft Computing for the Metamaterial Antenna Design Dr. Usha Kiran K Associate Professor, SENSE, VIT, Chennai Campus.	LTE Air Interface and 5G New Radio Dr. Amlan Datta Professor and Associate Dean, School of Electronics Engineering, KIIT, Deemed to be university, Odisha.	5G Antenna Designs and Radio Coverage Analysis Mr. Sumith S Pillai Technical Manager, DesignTech Systems Ltd Bangalore
27.08.2020	Design and Simulation of Metamaterial and Phased Array Antenna using HFSS 3D Electromagnetic Simulation Software Ms Sharon Varghese Application Engineer, Ansys, India	Applications of Computational Electromagnetics and Wearable Antennas Dr. P Muthukannan Professor and Associate Dean, Saveetha School of Engineering, Chennai	Advanced Microwave Filtering Antenna Design using Substrate Integrated Waveguide (SIW) Technology Dr. Prasun Chongder Assistant Professor, ECE Department, NIT Rourkela.
29.08.2020	9.00 AM - 10.00 AM		2.00 PM - 4.00 PM
	Design and Simulation of MIMO Antennas for 5G Applications Involving Beam Forming Techniques Mr. Deepesh Kumar Singh, Senior Application Engineer, Jyoti Electronics, Hyderabad	Application of Computational Electromagnetics in the Design of Microstrip Patch Antennas Dr. K P Ray Professor and Head, Electronics Engineering Department, Defence Institute of Advanced Technology, Pune	Test, Feedback and Valedictory Function

P. J. R.

Dr. M. U. Sharma

BIOGRAPHY



T. SHANMUGANANTHAM (MIEEE'03, SMIEEE'18)

received the B.E. degree in Electronics & Communication Engineering from University of Madras in the year **1996**, M.E. degree in Communication Systems from Madurai Kamaraj University in the year **2000** and Ph.D. degree (**Received Gold Medal**) in the field of Antenna Engineering from National Institute of Technology (NIT), Tiruchirappalli in the year **2010**

under the guidance of **Prof.S.Raghavan**, Senior Professor (Rtd.), Dept. of Electronics & Communication Engineering, National Institute of Technology, Tiruchirappalli, India. He has **23** years of experience in teaching & research currently he has been an Associate Professor in the Department of Electronics Engineering, School of Engineering & Technology, Pondicherry Central University, Pondicherry, India since July 2010. Prior to this appointment, he was an Assistant Professor with Dept. of ECE, PKIET (A Govt. of Pondicherry Institution), Karaikal and SSN College of Engineering, Chennai. He holds a Google Scholar H-Index of **22** and i-10 index of **112** with over **3537** citations, Research Gate with over **30** points and **264 SCOPUS** publications as per Scopus database also his name is listed as Top **10** researcher in Pondicherry University website. His research interest includes Antennas, Microwave/Millimetre-Wave Engineering and MEMS/NEMS. Specific antenna design for 5G/6G, MIMO, Array antenna for beam forming and beam steering, wireless on-body/in-body communications (Implantable/Flexible Wearable Antennas), Automotive, Healthcare, Satellite, Space, and Wireless industries.

He has published more than **630** papers in Peer-Reviewed Journals and Conference Proceedings and **12** Book Chapters Published in Springer Nature and Elsevier.

Professor Shanmuganantham is a Fellow of Antenna Test and Measurement Society (ATMS) elected by ISRO Scientists and also elected as Senior Member in IEEE, IEEE Antenna & Propagation Society, IEEE Circuits & System Society, IEEE Microwave Theory & Technique Society, Life Member in International Association of Engineers,

Institute of Smart Structures & Systems (ISSS), IETE, IE (India), CSI (India), Society of ISTE, EMC, ILA, OSI, ISI and also he is Member of School Board, Pondicherry University, Member of Board of Studies in Pondicherry University, University of Madras, Annamalai University, Thiruvalluvar University and Christ University. His biography was included in “Marquis who is who in the world”, USA in **2010 & 2018**, also his biography was selected in “Asia Pacific Who’s who” in **2018**.

He is on the Editorial Board Member of Journal on Microelectronics; he was served as Treasurer for IEEE Circuits and Systems Society (India Chapter) from **Jan.2016 to Dec.2019**. He conceptualized and initiated three flagship IEEE sponsored conferences in India in 2017 and 2018 in the fields of Circuit & Systems and Antenna Engineering. Currently, he is serving as Chairman of IEEE Antenna Propagation Society (Madras Section) since Jan.2020.

He received more than **25** Best Paper awards from IEEE, Springer sponsored Conferences. **10** Ph.D. degree students have been awarded under his guidance and He is currently guiding **04** Doctoral Research Scholars. He has completed two sponsored projects worth **Rs.60** lakhs. He is on the board of reviewers of several international journals of repute including IEEE Trans. on Antennas and Propagation, IEEE Trans. on Microwave Theory and Techniques, IEEE Access, IEEE Sensors Journal, PIER Journals, John Wiley, Elsevier, Springer, Taylor and Francis and many IEEE Conferences. He has been invited to many national and international conferences and he has lectured extensively in many Universities/Institutions in India and Abroad. He visited many countries like Malaysia, Singapore and Taiwan in connection with various academic assignments.

STTP on Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas Registration Form

AICTE Sponsored

SIX DAYS ONLINE SHORT TERM TRAINING PROGRAMME (STTP) on "Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas", 24th-29th August 2020

COORDINATOR

Dr. P. Jothilakshmi

Organized by

Department of Electronics & Communication Engineering

Sri Venkateswara College of Engineering

(Autonomous- Affiliated to Anna University)

Post Bag No.1, Pennalur Village, Chennai - Bengaluru Highways,

Sriperumbudur Tk. - 602117, Tamil Nadu, India

www.svce.ac.in

Salutation: *

Dr.

Mr.

Ms.

Mrs.

Full Name: *

E.Udayakumar

Designation: *

- Professor
- Associate Professor
- Assistant Professor
- Research Scholar
- Other: _____

Mobile Number(Whatsapp): *

7708837143

E-Mail Id: *

udayakumar.sujith@gmail.com

College/University Name: *

KIT-Kalaignarkarunanidhi Institute of Technology


City: *

Coimbatore

State: *

Tamilnadu

Upload the scanned copy of Filled in STTP brochure in PDF format: *

 kit id - Udayakum...

This form was created inside of Sri Venkateswara College of Engineering.

Google Forms

Report-Phase I

The six days long online Short Term Training Programme (STTP) on "Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas" Conducted by Department of Electronics and Communication Engineering of Sri Venkateswara College of Engineering from 24th to 29th August 2020. This STTP aimed to give exposure to recent advances in the area of Computational Electromagnetics (CEM). It plays a pivotal role in the design, modelling of antenna, radar, and other communication systems including the suitable antennas for mobile phones to the participants.

The inaugural and keynote address was given by Dr.M.U.Sharma, Scientist-G, Technology Director, Solid State Physics Laboratory, DRDO, Delhi on 24th August 2020. Welcome address was given by Dr.S.Muthukumar, Professor & Head-Department of ECE. On behalf of the organizing committee, the coordinator of STTP Dr.P.Jothilakshmi, Professor/Department of ECE gave the introductory note about the purpose, objectives and the guidelines that are issued by AICTE for ensuring the successful completion of the event.

The below-mentioned topics were discussed for the knowledge enhancement of our participants with the detailed Live Demo by highlighting the features of various EM simulators such as MATLAB, CST Studio Suite, HFSS, XFDTD, and MATLAB, etc., that are available for carrying out 3D EM Simulation with specific reference to Antenna design.

A presentation with the following outline was discussed:

- ✓ Phased Array Antennas for 5G Applications
- ✓ Design of Phased Array Antennas for Defence Applications using XFDTD 3D EM Simulation Software
- ✓ Substrate Integrated Waveguide (SIW) based Compact Antennas and Arrays for Wireless Communication Systems
- ✓ Fractal Antennas for Multiband Applications
- ✓ Soft Computing for the Metamaterial Antenna Design
- ✓ 5G Antenna Designs and Radio Coverage Analysis
- ✓ LTE Air Interface and 5G New Radio
- ✓ Applications of Computational Electromagnetics and Wearable Antennas

- ✓ Design and Simulation of Metamaterial and Phased Array Antenna using HFSS 3D Electromagnetic Simulation Software
- ✓ Advanced Microwave Filtering Antenna Design using Substrate Integrated Waveguide (SIW) Technology
- ✓ Design and Simulation of MIMO Antennas for 5G Applications Involving Beam Forming Techniques
- ✓ Application of Computational Electromagnetics in the Design of Microstrip Patch Antennas

We have received unconditional support from our resource persons during the event and particularly the efforts taken by them in explaining various Design concepts with required simulations in line with our requirements were remarkable.

Our participants got benefited by attending this informative and much useful STTP. Faculty Members and Research Scholars from other institutions across the country participated with lots of interest. Around 150 participants benefited from these six days long STTP. The participants obtained the required clarifications by having an interactive session and enjoyed thoroughly all the discussions. Participants also enriched their understanding of the EM simulation software and learned with the real-time implementation of various design and modelling principles.

Concluding Remark:

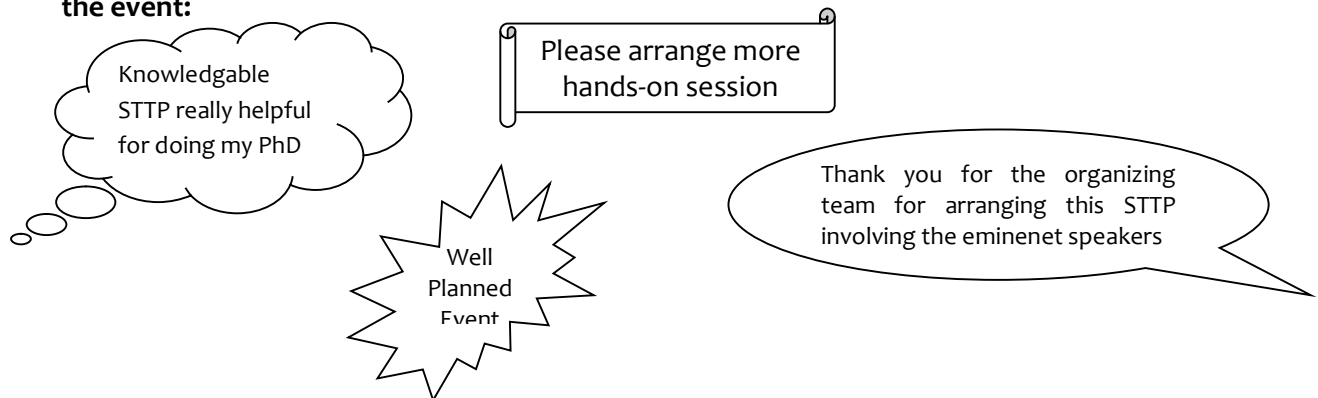
The participants shared their feedback positively about the STTP. All our participants have actively participated in all the session and E-certificates provided to those participants who have cleared the online exam as per the norms of AICTE.

Highlights of the event:

Total Number of Participants Attended: 152

Number of participants received the participation certificates after sucessfully fulfilling the AICTE test guidelines: 126

Some of the Specific comments received from our participants after the completion of the event:



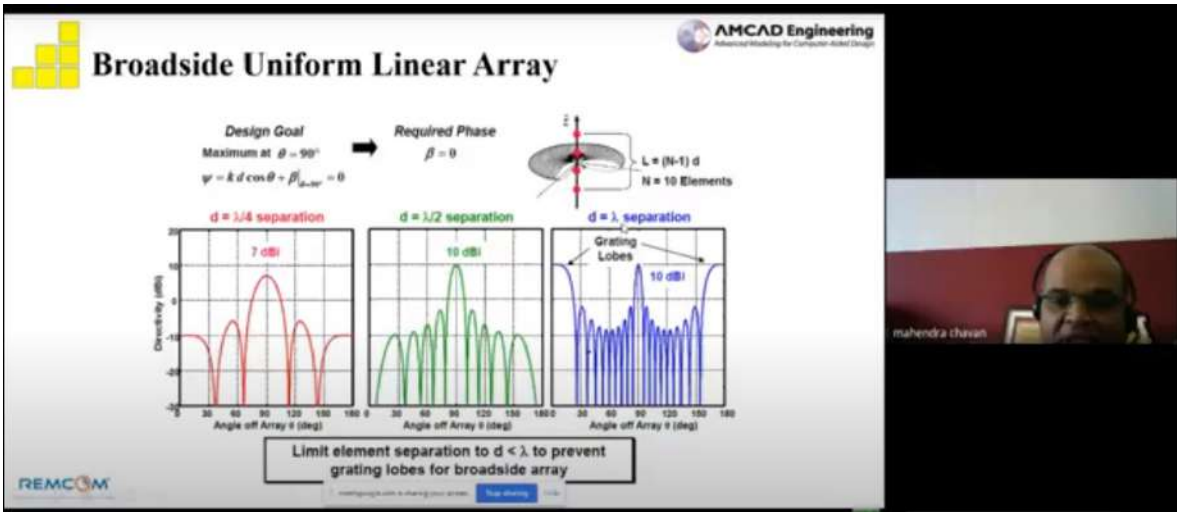
Event Photos-Phase I



Inaugural and Keynote Address

Dr. M U Sharma

Scientist 'G', Technology Director, Solid-State Physics Laboratory, DRDO, Delhi.

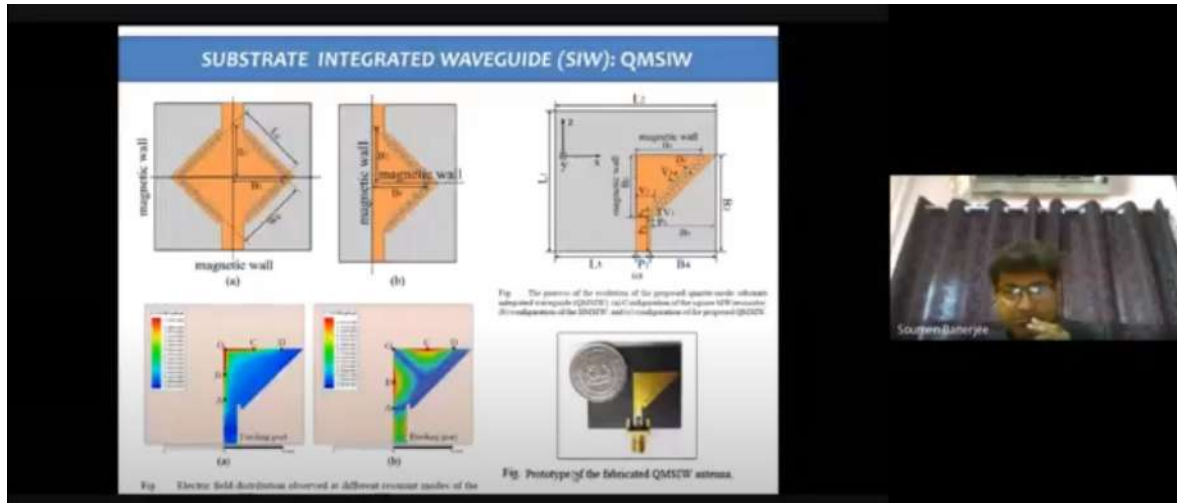


Design of Phased Array Antennas for Defence Applications using XFDTD 3D EM Simulation Software

Session by

Dr. V Janardhana, Director, Step Electronics, Bangalore.

Event Photos-Phase I

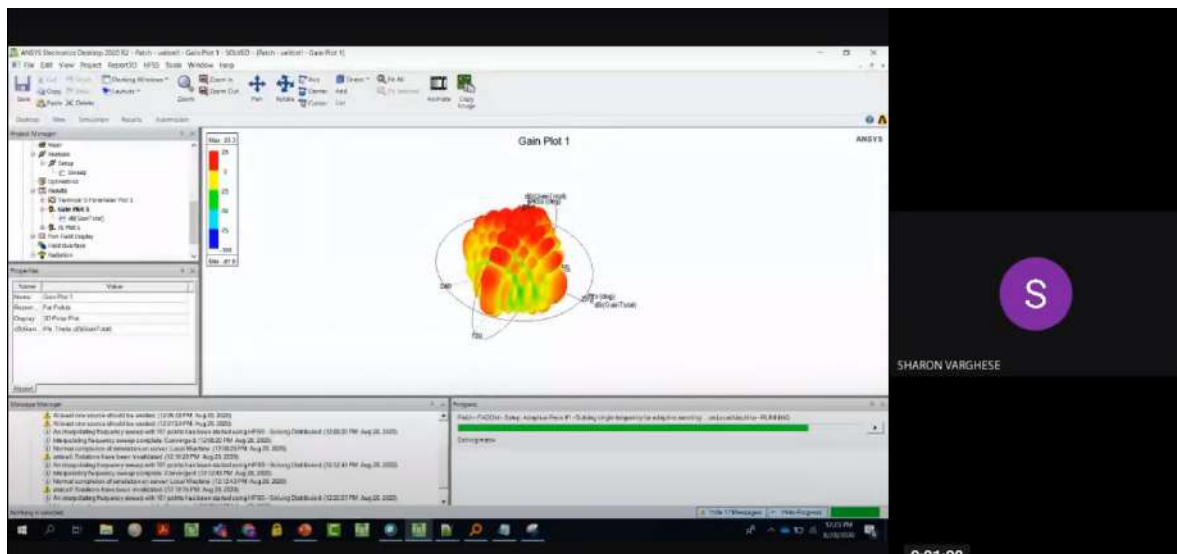


Substrate Integrated Waveguide (SIW) based Compact Antennas and Arrays for Wireless Communication Systems

Session by

Dr. Soumen Banerjee,

HOD, ECE Department, University of Engineering & Management (UEM), Kolkata.



Design and Simulation of Metamaterial and Phased Array Antenna using HFSS 3D Electromagnetic Simulation Software

Session by

Ms Sharon Varghese

Sri Venkateswara College of Engineering
Department of Electronics and Communication Engineering
Details of participants to whom Certificates have been issued

04/03/2021

Ref No:34-65/123/RFID/STTP/Policy-1/2018-19 dated 12/12/2019

The AICTE sponsored online STTP on “Recent Advancements of Computational Electromagnetics in Modern Microwave Antennas” was conducted in three phases for six days in each phase. The STTP organizing committee members conducted multiple choice questions for the participants through Google forms at the end of program in each phase. The details of participants attended and successfully completed the program on the basis of the test in each phase is as follows: The following faculty members are eligible to get the participation certificate for phase I.

SL. NO	PARTICIPANT'S NAME	SL. NO	PARTICIPANT'S NAME	SL. NO	PARTICIPANT'S NAME
1.	MR A RAJENDRAN	18	DR. SWEETY JAIN	35	MS M KALPANA
2.	MR A.GOBINATH	19	DR.C.AGEES KUMAR	36	MS M. SHOBANA
3.	MR ABHISHEK KUMAR AGRAWAL	20	DR.D.M.K.CHAITANYA	37	MR M.ARUNRAJ
4.	MR ALLAN J WILSON	21	DR. D.NATARAJ	38	MS M.KALAIVANI
5.	MR ALLIN JOE D	22	DR.E.THANGASELVI	39	MS MAHESWARI PURUSHOTHAMAN
6.	MR AMIT ARORA	23	DR.K.VISHALATCHI	40	MR MANI BANSAL
7.	MR ANJALI CHAUDHARI	24	DR. NUKALA SRINIVASA RAO	41	MS MANIMALA.V
8.	MR ANKUSH KAPOOR	25	DR.P.MALATHY	42	MS MANJU MARIYA
9.	MR ANSHITA YADAV	26	DR.P.PRAJESWARI	43	MR MANTRI SHIVA KUMAR
10.	MR ARUN M	27	DR.SHILPA K.C	44	MR MAYANK A. ARDESHANA
11.	MS B S SUDHA	28	DR.VANI R	45	MR MEHATHAB C
12.	MS B S AJIDHA THABASSUM	29	MR G.ARUN FRANCIS	46	MR MOHANA SUNDARAM R
13.	MR BALARAJUSWAMY T A	30	MR G.SANTHAKUMAR	47	MS MONICA J
14.	MR BIKASH RANJAN BEHERA	31	MS GAURANG K PATEL	48	MR. MEHABOOB MUJAWAR
15.	MR C H MANOHAR KUMAR	32	MR GOURI SHANKAR SHARMA	49	MR. NAGARJUNA TANIKONDA
16.	MR CHANDAN KUMAR CHAMAN	33	MR GUBBALA KISHORE BABU	50	MR. RAJA S
17.	MR CHANDRA MOULI A	34	MS J. SILAMBOLI	51	MR. SHAIK SULTAN

52	MS SUSHMA	76	MS JEYALAKSHMI V	100	MS T GAYATRI
53	Ms. D. JEYAMANI LATHA	77	MR JITENDRA PINDARIYA	101	MR MRITUNJAY DWIVEDI
54	Mr DEVARAJAPANDIAN R	78	MR K S CHAKRADHAR	102	MRS. SHAHNAZ IQBAL SHAIKH
55	DR ARSHIA AKHTAR	79	MS K.JAYANTHI	103	MRS.K.SHOBHA RANI
56	DR SARDAR KHAME SINGH	80	MS K.LALITHA	104	MS.M.SOUNDARYA
57	DR SUGANTHI SANTHANAM	81	MS KAKADE PRIYANKA PRAKASH	105	MS.MANDA SRAVANTHI
58	DR. ASHOK KUMAR SRINIVASAN	82	MS KATARI DEEPTHI	106	MR MUTHUKUMARAN P
59	DR. D. HELENA MARGARET	83	KAVITHA DEVI CS	107	MS N VARNIKHA
60	DR. JAGADISH BABURAO JADHAV	84	KIRAN HILAL SONAWANE	108	MR N.SHARATH BABU
61	DR. P. RAJA	85	MS LAVANYA KONGALA	109	MR SRINIVASAN KRISHNAN
62	MR NAVNEET KAUR	86	PRINCE KUMAR	110	MR SRINIVASARAO ALLURI
63	MR NEERAJ KRISHNA V	87	MS PRIYANKA DALAL	111	MR SRINIVASU GARIKIPATI
64	MR NIHAR KANTA SAHOO	88	PROF. B. ARUL RAJAN	112	MS SUNITA JOSHI
65	MR P.PRIYALATHA	89	RACHIT JAIN	113	MR NIYAZ AHMED ABDUL
66	MR PANKAJ RAMDAS BHUSARI	90	RAHUL SHARMA	114	MR CHETTI VENKATESWARLU
67	MR PARESH KHIMJIBHAI VADDORIYA	91	MS SANGEETHA N	115	MS T. ANNALAKSHMI
68	MR PARMAR SONALBEN DEVDASBHAI	92	MS SASIKALA S	116	MR.TATHABABU ADDEPALLI
69	MR PARTHA SARATHI PADHY	93	MS SATHIYA PRIYA S	117	MS V.CHINNAMMAL
70	MR PARUL H. PANCHAL	94	SAYYED ARIF ALI	118	MS VANITHAMANI P
71	MR PRABHPREET KAUR BHATIA	95	MS SESA VIDHYA S	119	MR VENKATRAMAN
72	MR PRAKASH JAGDISHBHAI MARU	96	SHRAWAN KUMAR PATEL	120	MR VINAY KUMAR
73	MR PRANAV	97	MS SHWETHA N	121	MR. VIGNESHWAR MANOHARAN
74	MR PRAVEEN TIWARI	98	MS SRILAKSHMI AOUTHU		
75	MRS. NANDHINI VARADHARAJAN	99	MR.DHUPAM ARUN KUMAR		

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P. Muthukumar
Mr.P.Muthukumar, AP/ECE, SVCE

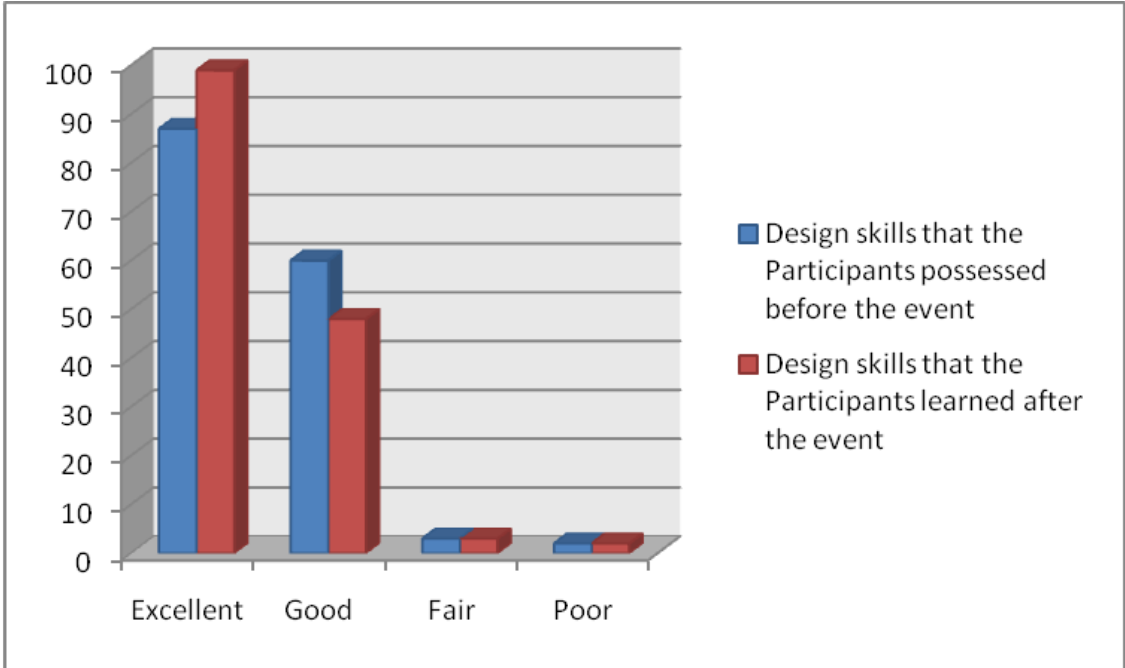
P. Sathish
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Dr. P. Jothilakshmi

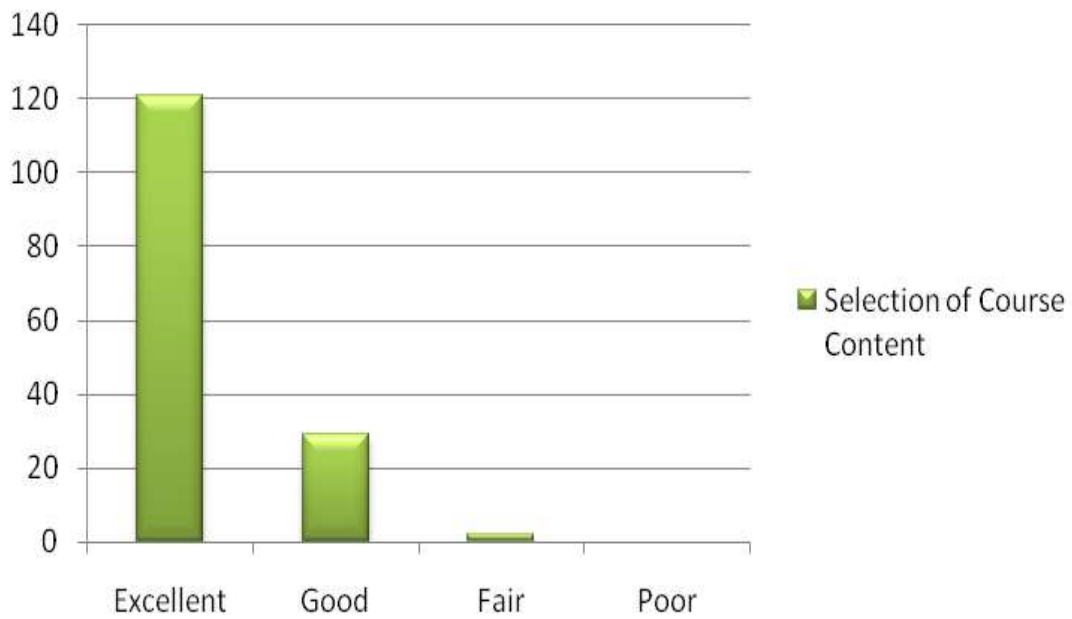
HOD-ECE

Co-ordinator: Dr. P. Jothilakshmi
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Feedback Analysis-Phase I

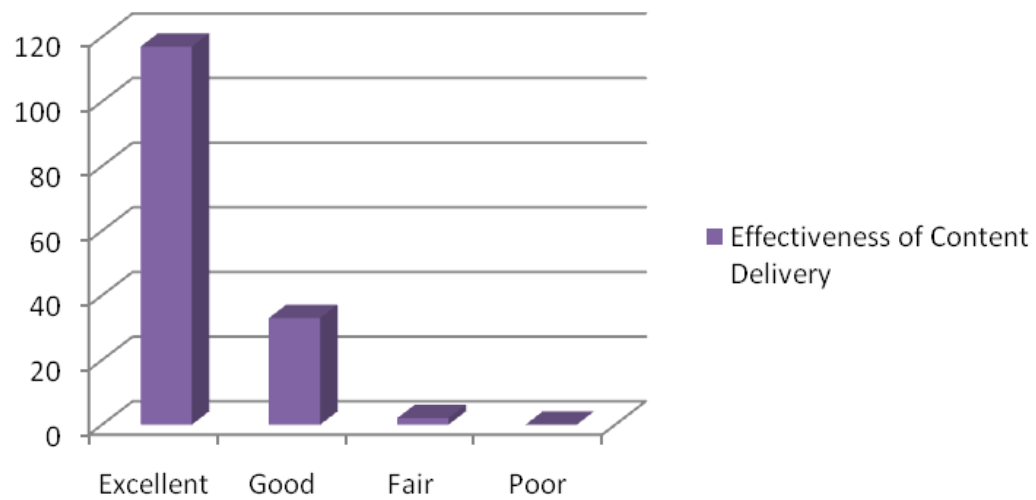


Selection of Course Content



Feedback Analysis-Phase I

Effectiveness of Content Delivery





Sri Venkateswara College of Engineering

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Sriperumbudur Tk - 602 117

AICTE Sponsored Six Days Online Short Term Training Programme (STTP)

Certificate of Participation

This is to certify that

Ankush Kapoor, Assistant Professor

Jawaharlal Nehru Government Engineering College

has attended six days online Short Term Training Programme (STTP) on
"Recent Advancements of Computational Electromagnetics in Modern
Microwave Antennas" organized by Department of ECE, Sri Venkateswara
College of Engineering from 24.08.2020 to 29.08.2020.


Coordinator

Dr. P. Jothilakshmi, Professor


HOD/ECE

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Principal

S. Ganesh Vaidyanathan